

AMENDMENTS TO THE CLAIMS

Please cancel claim 1 without prejudice or disclaimer.

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (canceled)

2. (Currently Amended) A method of transmitting signaling data, which relates to a telephone connection having both signaling data and message content parts, said signaling data conforming to the ISDN standard and being transmitted on a first channel that conforms to the UDP-IP standard and does not conform to the ISDN standard, which method is characterized in that it includes the following steps:

~~setting up a channel that conforms to said UDP-IP standard and does not conform to the ISDN standard,~~

converting said signaling data in the format of the ISDN standard into data in a format accepted by the first channel ~~conforming to the UDP-IP standard,~~

sending the signaling data converted in this way over said first channel, and

when it is received, converting the signaling data reciprocally into signaling data conforming to the ISDN standard format,

said method being further characterized in that:

the signaling data to be transmitted is formatted into successive data blocks ,

send blocks are constructed from said successive signaling data blocks by adding to them information on the order of the blocks,

the send blocks are sent from a unit connected to one end of the first channel,

the send blocks are received in another unit connected to the other end of the first channel,

send blocks that have been received are tested in said another unit, and

said other unit sends an acknowledgment signal (n) designating the highest numbered send block that has been received and belongs to a continuous series of send blocks.

3. (Currently Amended) A method according to claim ~~1~~2, characterized in that:

surveillance signals (20) are sent periodically on ~~the~~said first channel ~~conforming to said another standard~~, and

correct operation of said first channel ~~conforming to said another standard~~ is tested.

4. (Currently Amended) A method of transmitting signaling data, which relates to a telephone connection having both signaling data and message content parts, said signaling data conforming to the ISDN standard and being transmitted on a first channel that conforms to the QSig-GF standard and does not conform to the ISDN standard, which method is characterized in that it includes the following steps:

~~setting up a channel that conforms to said QSig-GF standard and does not conform to the ISDN standard,~~

converting said signaling data in the format of the ISDN standard into data in a format accepted by thesaid first channel ~~conforming to the QSig-GF standard,~~

sending the signaling data converted in this way over said first channel, and

when it is received, converting the signaling data reciprocally into signaling data conforming to the ISDN standard format,

said method being further characterized in that:

a link is established that conforms to the QSig-GF standard,

said link is configured in a FACILITY mode of said QSig-GF standard, and

the signaling data to be transmitted is formatted to occupy free segments of messages generated in accordance with the FACILITY mode of said QSig-GF standard.

5. (Currently Amended) ~~A method of transmitting signaling data, which relates to a telephone connection having both signaling data and message content parts, said signaling data conforming to the ISDN standard and being transmitted on a channel that conforms to another standard and does not conform to the ISDN standard, which method is characterized in that it includes the following steps:~~

~~setting up a channel that conforms to said another standard and does not conform to the ISDN standard,~~

~~converting said signaling data in the format of the ISDN standard into data in a format accepted by the channel conforming to the another standard,~~
~~sending the signaling data converted in this way, and~~
~~when it is received, converting the signaling data reciprocally into signaling data conforming to the ISDN standard format,~~
according to claim 2, wherein said signaling data comprises flow control data, security data and message scheduling data.

6. (Currently Amended) A method according to claim 21, characterized in that data messages of said message content parts are sent on a second channel other than said first channel ~~of a type that does not conform to the ISDN standard.~~

7. (New) A method according to claim 4, characterized in that:

surveillance signals (20) are sent periodically on ~~the~~said first channel ~~conforming to said another standard, and~~
correct operation of said first channel ~~conforming to said another standard~~ is tested.

8. (New) A method according to claim 4, wherein said signaling data comprises flow control data, security data and message scheduling data.

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9. (New) A method according to claim 4, characterized in that data messages of said message content parts are sent on a second channel other than said first channel ~~of a type that does not conform to the ISDN standard.~~